

We Claim as Our Invention:

1. A method for operating a first computer that is connected to a network, the method comprising the steps of:

loading first configuration data for a first task, allocated to the first computer, into the first computer via the network wherein the loading is initiated either independently or in response to a specific request;

configuring the hardware of the first computer corresponding to the first configuration data, and

processing the first task with the first computer configured with the first configuration data.

2. A method for operating a first computer as claimed in claim 1, further comprising the step of:

configuring, prior to completion of the step of processing the first task, a part of the hardware of the first computer that is no longer necessary for the step of processing the first task, for processing a second task by loading second configuration data allocated to the second task into the first computer via the network.

3. A method as claimed in claim 2, further comprising the step of:
processing the second task prior to the completion of the step of processing the first task.

4. A method for operating a first computer as claimed in claim 1, further comprising the steps of:

sending a call, inquiring about free resources, via the first computer to all other computers connected to the network;

sending both respective routing information and respective free resource information from the other computers to the first computer;

selecting one of the other computers with the first computer;

sending both an object to be calculated and the respective routing information of the selected one computer to the selected one computer;

calculating the object at the selected one computer to obtain calculated data as a new object; and

returning the new object to the first computer.